

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A cursor control computer input device configured to rest on a supporting surface, comprising:
 - a housing having a lower periphery;
 - a communication interface configured to connect the cursor control device to a computer system and to receive a signal from the computer system corresponding to an event occurring in a computer application running on the computer system; and
 - an image projection system configured to display an image on the supporting surface adjacent to, outside of, and away from the lower periphery of the cursor control computer input device when the cursor control computer input device is resting on the supporting surface, wherein the image is displayed by the image projection system in response to the signal received from the computer system and is based on the computer application and the event.
2. (Currently Amended) The cursor control computer input device of claim 1, wherein the image projection system is substantially contained within the housing.
3. (Currently Amended) The cursor control computer input device of claim 2, wherein the image projection system includes a light source, a light blocker having a light transmissive portion and a light blocking portion, and a lens.
4. (Currently Amended) The cursor control computer input device of claim 3, wherein the image projection system further includes a mirror disposed in a light path between the light source and the displayed image.
5. (Currently Amended) The cursor control computer input device of claim 3, wherein the light blocker is optically located between the light source and the lens.

6. (Currently Amended) The cursor control ~~computer input~~ device of claim 3, wherein the lens creates a focal point for the displayed image located substantially on the supporting surface.
7. (Currently Amended) The cursor control ~~computer input~~ device of claim 3, wherein the lens is optically located in a light path between the light source and the light blocker.
8. (Currently Amended) The cursor control ~~computer input~~ device of claim 2, wherein the image projecting system includes a light blocker and optics configured to enable the introduction of collimated light to the light blocker.
9. (Currently Amended) The cursor control ~~computer input~~ device of claim 1, wherein the cursor control ~~computer input~~ device is a mouse.
10. (Currently Amended) The cursor control ~~computer input~~ device of claim 9, wherein the image projecting system includes an active LED matrix.
11. (Currently Amended) The cursor control ~~computer input~~ device of claim 1, wherein the cursor control ~~computer input~~ device is one of a trackball, mouse, and keyboard.
12. (Currently Amended) The cursor control ~~computer input~~ device of claim ~~354~~, wherein the image includes an edge adjacent to the lower periphery, and wherein the image projection system is configured and oriented so that the adjacent edge of the image is within 1 mm and 25 mm from the lower periphery.
13. (Currently Amended) The cursor control ~~computer input~~ device of claim 2, further comprising multiple predetermined image forming devices disposed within the housing, each image forming device producing a different displayed image.
14. (Currently Amended) The cursor control ~~computer input~~ device of claim 13, further comprising a device for moving the image forming devices relative to an optical path.

15. (Currently Amended) The cursor control ~~computer input~~ device of claim 14, wherein the device for moving the image forming devices is configured to linearly move the image forming devices.

16. (Currently Amended) The cursor control ~~computer input~~ device of claim 14, wherein the device for moving the image forming devices is configured to rotatably move the image forming devices.

17. (Currently Amended) The cursor control ~~computer input~~ device of claim 1, wherein the cursor control ~~computer input~~ device is a pointing device.

18. (Currently Amended) The cursor control ~~computer input~~ device of claim 1, wherein the cursor control ~~computer input~~ device includes a motion detecting system.

19. (Currently Amended) The cursor control ~~computer input~~ device of claim 1, further comprising an aperture in the housing, and wherein an optical path defined between a light source and the displayed image extends through the aperture.

20. (Currently Amended) The cursor control ~~computer input~~ device of claim 1, wherein the image projection system includes a laser.

21. (Currently Amended) The cursor control ~~computer input~~ device of claim 1, wherein the cursor control ~~computer input~~ device is packaged as a kit with multiple replaceable image forming devices.

22. (Currently Amended) The cursor control ~~computer input~~ device of claim 21, further comprising a light source and a light path extending from the light source to the displayed image, wherein each of the multiple replaceable image forming devices is removably attachable within the light path.

23. (Currently Amended) The cursor control computer input device of claim 1, further comprising a light source and a light path extending from the light source to the displayed image, wherein each of the multiple replaceable image forming devices is a removable overlay accessible from an exterior of the housing.

24. (Currently Amended) A computer mouse comprising:

a housing;

a plurality of actuators;

a communication interface configured to connect the mouse to a computer system and to receive a signal from the computer system corresponding to an event occurring in a computer application running on the computer system;

a motion detecting system for determining relative movement of the mouse; and

an optical projection system including a light source and a movable image forming element located within the housing, wherein in response to the signal received from the computer system the optical projection system is configured to project an image based on the computer application and the event.

25. (Original) The computer mouse according to claim 24, wherein the mouse is configured to rest on a supporting surface and the optical projection system is configured to project an image onto the supporting surface.

26. (Original) The computer mouse according to claim 25, wherein the optical projection system includes an LED, a mirrored surface, and optics.

27. (Original) The computer mouse according to claim 26, wherein the optical projection system includes an LED and collimating optics.

28. (Original) The computer mouse according to claim 25, wherein the optical projection system includes an array of LEDs.

29. (Currently Amended) A method of notifying a user of an occurrence via a cursor control ~~computer peripheral~~ device configured to project images, the method including the steps of:

projecting a first image onto a display region via a cursor control device in communication with a computer system;

receiving a signal from the computer system corresponding to an event occurring in a computer application running on the computer system; and

in response to the signal received from the computer system upon a predetermined condition associated with a computer program, projecting a second image, different from the first image, onto the display region via the cursor control device, wherein the second image is based on the computer application and the event.

30. (Currently Amended) The method of claim 29, wherein the display region is in an area adjacent a housing periphery of the cursor control ~~computer peripheral~~ device such that the projecting steps include projecting the first and second images onto a supporting surface adjacent the housing periphery.

31. (New) The method of claim 29, wherein the predetermined condition associated with the computer program corresponds to the receipt of an email message, a voicemail message, a facsimile message, or an instant messaging message.

32. (New) The method of claim 31, wherein the second image corresponds to a number of received and unopened messages.

33. (New) The method of claim 29, wherein the computer program is a scheduling program and the predetermined condition corresponds to a reminder of an upcoming scheduled appointment.

34. (New) The cursor control device of claim 1, wherein the computer system comprises a display screen, and wherein the image projected by the cursor control device is different than the image displayed contemporaneously on the display screen.

35. (New) The cursor control device of claim 1, wherein the housing has a substantially flat bottom surface.